

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002550

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B01J2/00 B01D46/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B01J B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 355 (C-1079), 6 July 1993 (1993-07-06) & JP 05 049902 A (EISAI CO LTD), 2 March 1993 (1993-03-02) abstract	1-15
A	EP 1 312 410 A (FREUND INDUSTRIAL CO., LTD.) 21 May 2003 (2003-05-21) column 9, paragraph 44 - column 10, paragraph 49	1
A	US 3 620 234 A (EVERROAD) 16 November 1971 (1971-11-16) column 2, line 16 - column 3, line 17	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

24 November 2004

Date of mailing of the international search report

30/11/2004

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 05049902	A	02-03-1993	NONE	
EP 1312410	A	21-05-2003	JP 2002018266 A EP 1312410 A1 WO 0183098 A1 US 2003190417 A1	22-01-2002 21-05-2003 08-11-2001 09-10-2003
US 3620234	A	16-11-1971	US 3688780 A CA 930286 A1	05-09-1972 17-07-1973